

In re Patent Application of
Pierson et al
Serial No. 09/596,374
Filed June 19, 2000

In the Claims:

Please substitute the currently amended Claims as set forth below in a complete listing of the pending claims. Struckthrough language indicates a deletion, and underlined language indicates an addition. The amendments include no new matter and are fully supported in the application as filed.

1.(currently amended) A system for updating a compact disc card, the apparatus comprising:

a first computer having software stored thereon defining a server, the server having first compact disc card updating means associated therewith for storing compact disc card new update data;

a communications network in communication with the server;

~~a plurality of~~ at least one remote ~~computers~~ computer in communication with the server through the communications network, ~~each of the plurality of~~ said at least one remote ~~computers~~ computer having a processor for processing digital data, a memory in communication with the processor for storing digital data, a user display in communication with the processor for displaying data to a user, and a compact disc drive positioned to receive at least one compact disc therein; and

a compact disc card positioned in the compact disc drive of ~~each of the plurality of~~ said at least one remote ~~computers~~ computer and containing original content digital data information thereon, the compact disc card including a seating ring interface seat associated with the compact disc card, second card updating means responsive to the first compact disc card updating means for updating the original content digital data information with updated data information created by storing only ~~actual changes~~ differences in digital information between the new update data information and the original content digital data

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information in the memory of the at least one remote computer, and graphical user interfacing means stored on the compact disc card for producing a graphical user interface to enhance update capabilities to a user of the compact disc card.

2.(currently amended) A system as defined in Claim 1, wherein the graphical user interfacing means includes interface displaying means for displaying a graphical user interface on the user display and user directing means for directing a user through a plurality of blocks for updating the stored digital ~~data~~ information in the memory of the at least one remote computer so that the update appears to the user to be on the card.

3.(original) A system as defined in Claim 2, wherein the directing means includes software loading means displayed to a user for loading the second card updating means into the memory of the at least one remote computer responsive to the user.

4.(currently amended) A system as defined in Claim 2, wherein the graphical user interfacing means further includes update initiating means associated with the second card updating means for initiating the updating of the updated ~~data~~ information from the first card updating means.

5.(currently amended) A system as defined in Claim 1, further comprising a second computer remote from the first computer and in communication with the first computer through the communications network having software stored thereon and having third compact disc card updating means associated therewith for creating update ~~data~~ information for communication to the first compact disc card updating means of the server.

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6.(currently amended) A system for updating a compact disc card, the apparatus comprising:

a computer having software stored thereon defining a server, the server having first compact disc card updating software associated therewith for storing compact disc card new update data;

a communications network in communication with the server;

a plurality of remote computers in communication with the server through the communications network, each of the plurality of remote computers having a processor for processing digital data, a memory in communication with the processor for storing digital data, a user display in communication with the processor for displaying data to a user, and a compact disc drive positioned to receive at least one compact disc therein; and

a compact disc card positioned in the compact disc drive of at least one of the remote computers and containing original content digital ~~data~~ information thereon, the compact disc card including a seating ring interface seat associated with the compact disc card, second card updating software stored on the compact disc card and in communication with the first compact disc card updating software for updating the original content digital ~~data~~ information stored on compact disc card by storing only ~~actual changes~~ differences in digital information between the new update ~~data~~ information and the original content digital ~~data~~ information in the memory of the at least one remote computer, and a graphical user interface stored on the compact disc card for producing a graphical user interface to enhance update capabilities to a user of the compact disc card.

7.(currently amended) A system as defined in Claim 6, wherein the graphical user interface includes user directing means for directing a user through a plurality of blocks for

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updating the stored digital ~~data~~ information in the memory of the at least one remote computer so that the update appears to the user to be on the card.

8.(original) A system as defined in Claim 7, wherein the directing means includes software loading means displayed to a user for loading the second card updating software into the memory of the at least one remote computer responsive to the user.

9.(currently amended) A system as defined in Claim 8, wherein the graphical user interface further includes update initiating means associated with the second card updating software for initiating the updating of the updated ~~data~~ information from the first card updating software.

10.(currently amended) A system as defined in Claim 9, further comprising a second computer remote from the first computer and in communication with the first computer through the communications network having software stored thereon and having third compact disc card updating means associated therewith for creating update ~~data~~ information for communication to the first compact disc card updating means of the server.

11.(currently amended) A graphical user interface for updating a compact disc card having thereon original content digital ~~data~~ information and for enhancing update capabilities to a user of the compact disc card, the graphical user interface comprising:

directing means for directing a user through a plurality of blocks for updating stored digital ~~data~~ information in memory of at least one remote computer so that the update appears to the user to be on a compact disc card, the directing means including software loading means displayed to a the user for loading card updating software into the memory

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of the at least one remote computer responsive to the user, wherein the software loading means loads new updating digital data information containing only ~~any~~ differences in digital information between the new updated digital ~~data~~ information and the original content digital ~~data~~ information; and

update initiating means associated with the card updating software for initiating the updating of the new updated digital data information from remote card updating software.

12.(currently amended) A method of updating a compact disc card, the method comprising ~~the blocks of~~:

providing first compact disc card updating software associated with a computer defining a server for storing compact disc card new update data information;

positioning a compact disc card capable of containing original content digital ~~data~~ information thereon in a compact disc drive of at least one remote computer;

providing second card updating software stored on the compact disc card and in communication with the first compact disc card updating software through a communication link;

updating the original content digital data information stored on the compact disc card by storing the new update data information into in the memory of the at least one remote computer, wherein the new update data information consists of ~~actual changes~~ only differences in digital information between the new update data information and the original content digital ~~data~~ information; and

producing a graphical user interface on a display of ~~a~~ the at least one remote computer to enhance update capabilities to a user of the compact disc card.

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13.(currently amended) A method as defined in Claim 12, further including directing a user through a plurality of blocks by the graphical user interface to thereby update stored digital ~~data~~ information in memory of the at least one remote computer so that the update appears to the user to be on a compact disc card;

loading card updating software into the memory of the at least one remote computer responsive to the user; and

initiating the updating of the updated data information from remote card updating software responsive to the loading card updating software.